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FEB 25 2008

AMENDMENTS

Please amend the claims as follows:

1. (currently amended) A system for identifying unauthorized use of a transducer which is detachably connectable with a particular imaging device, the system comprising:
 - an electronic identifier associated with the transducer; and
 - a processor operable to generate a security signal in response to the electronic identifier;wherein the electronic identifier comprises an identifier distinguishing the transducer from other transducers of a same type and manufacturer;
 - wherein the security signal corresponds to authorization of the identifier distinguishing the transducer from other transducers, the authorization being for any use and all uses with the particular imaging device and the authorization being a function of the identifier distinguishing the transducer from other transducers.
2. (cancelled)
3. (original) The system of Claim 1 wherein the electronic identifier comprises a memory storing a code.
4. (original) The system of Claim 1 wherein the processor comprises an encoder within the imaging device.
5. (original) The system of Claim 1 further comprising:
 - a memory operable to store a list of transducer identifiers including the electronic identifier; and
 - a connector operable to electronically connect the electronic identifier with the processor;

wherein the processor is operable to search for the electronic identifier within the memory.

6. (original) The system of Claim 5 further comprising:
an input on the imaging device, the input operable to receive the transducer identifiers.

7-9. (cancelled)

10. (original) The system of Claim 1 further comprising:
an adaptor connectable between the transducer and the imaging device, the adaptor having a memory operable to store security information;
wherein the processor is operable to allow use of the transducer with the imaging system in response to a match of the security information and the electronic identifier and is operable to generate the security signal in response to a mismatch of the security information and the electronic identifier.

11-45. (cancelled)